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1st JANUARY, 1845, AND ENDING 31st DECEMBER, 1845,

BY

GEORGE YEATES.

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The instruments employed, and the general circumstances of the mode of observing, have been described in the preliminary observations to the Tables of the year 1843, in the 2nd volume of the Proceedings of the Academy, Appendix V.

JANUARY.						FEBRUARY.						MARCH.					
	Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.
	Max.	Min.					Max.	Min.					Max.	Min.			
1	47°	33°	30.140	. . .	W.	1	42°	24°	29.340	.006	W. by N.	1	49°	42°	29.800	.090	S. E.
2	47	35	30.070	. . .	W.	2	35	29	30.040	.120	W. by N.	2	46	36	29.950	.100	N. W.
3	48	38	29.770	.040	S. W.	3	48	36	30.000	. . .	N. W.	3	46	39	29.750	.085	N. E.
4	50	34	30.140	.040	S. W.	4	48	35	30.240	. . .	W. by N.	4	49	33	29.870	. . .	S. E.
5	52	38	29.900	.139	S. W.	5	44	39	30.100	. . .	W.	5	42	32	29.990	. . .	N. E.
6	55	49	29.940	. . .	W. by S.	6	46	33	30.100	. . .	W. N. W.	6	36	29	30.280	. . .	N. E.
7	54	43	30.120	.525	W. by S.	7	40	32	29.950	. . .	S. E.	7	43	35	30.290	.006	N. E.
8	49	39	30.030	. . .	S. E.	8	39	32	29.970	. . .	S. E.	8	43	36	30.220	. . .	N. E.
9	52	48	29.870	. . .	E. by S.	9	40	34	29.700	.100	W.	9	40	28	30.330	.025	N. E.
10	54	45	29.490	. . .	E. S. E.	10	49	40	29.530	. . .	W.	10	51	40	30.240	.100	N. W.
11	54	40	29.370	.099	S. W.	11	46	30	29.860	.143	W. by N.	11	51	35	30.100	. . .	N. by E.
12	49	35	29.730	. . .	S. E.	12	37	30	30.180	. . .	W. by N.	12	40	25	29.870	. . .	N. N. E.
13	48	39	29.250	.220	E.	13	52	43	29.780	.020	W.	13	40	29	29.750	. . .	E. N. E.
14	52	41	29.620	.390	W. N. W.	14	54	34	29.800	.002	W.	14	32	19	29.660	. . .	W. N. W.
15	49	42	29.480	.080	E.	15	50	35	30.080	. . .	W. by N.	15	44	20	29.750	. . .	N. E.
16	49	33	29.970	.100	W. S. W.	16	47	40	29.340	. . .	S. E.	16	37	29	29.750	.110	N. E.
17	51	33	29.760	.005	S. W.	17	48	40	29.790	. . .	S. E.	17	36	21	29.780	. . .	N. by W.
18	53	35	29.300	.315	S. W.	18	48	40	29.900	. . .	S. by E.	18	37	27	29.730	.015	W.
19	48	34	29.160	.030	S. W.	19	48	39	30.030	. . .	S. by E.	19	43	31	29.770	.020	N. W.
20	43	30	29.500	1.000	N. W.	20	45	35	30.060	. . .	S. W.	20	41	29	30.180	.240	S. W.
21	43	27	30.340	.005	E.	21	44	33	29.700	. . .	S. E.	21	43	31	30.120	. . .	W. by S.
22	53	30	30.070	. . .	W.	22	45	37	29.270	.160	N. E.	22	53	46	30.050	. . .	W. by N.
23	54	42	29.600	. . .	S. W.	23	50	37	29.400	.020	W. by N.	23	59	55	30.050	.025	W.
24	52	39	29.700	.230	W. S. W.	24	46	38	29.720	.005	W. by N.	24	52	35	30.150	.180	W.
25	53	36	29.680	. . .	W. by S.	25	48	36	29.880	.006	E.	25	50	43	29.800	. . .	W.
26	54	40	29.670	.100	W.	26	50	37	29.690	.180	N. W.	26	51	38	29.800	. . .	W.
27	53	34	29.300	.140	W.	27	50	33	29.840	. . .	E. by S.	27	55	47	29.660	.250	N. W.
28	45	30	28.900	.028	N. W.	28	48	41	29.750	. . .	E. by S.	28	48	45	29.570	.100	W. by N.
29	42	27	29.250	.004	N. W.							29	45	37	30.160	.020	W. by N.
30	42	23	29.200	.005	N. W.							30	55	37	29.720	.010	S.
31	40	21	29.470	. . .	N. E.							31	56	37	30.220	.016	W.

APRIL.						MAY.						JUNE.					
	Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.
	Max.	Min.					Max.	Min.					Max.	Min.			
1	50°	42°	30.060	.015	S. E.	1	61°	57°	29.600	. . .	S. W.	1	60°	47°	29.990	.118	S. W.
2	56	43	29.920	. . .	N. E.	2	52	45	29.600	.060	S. W.	2	67	47	29.840	. . .	S. W.
3	55	40	29.890	. . .	N.	3	54	44	29.048	.110	S. W.	3	70	50	29.330	. . .	S. by W.
4	57	33	29.890	. . .	N.	4	50	44	29.900	.045	N. W.	4	57	41	29.370	.450	W. by S.
5	52	42	30.060	. . .	N. E.	5	48	37	30.000	.010	W. by S.	5	64	49	29.220	.040	S. W.
6	50	32	29.970	. . .	N. E.	6	49	41	29.660	.220	W.	6	61	51	29.260	.030	W. by S.
7	48	28	29.880	. . .	W.	7	50	40	29.880	.140	N. E.	7	60	46	29.680	.025	S.
8	59	39	29.450	. . .	N. W.	8	49	38	29.500	.175	E.	8	60	43	29.880	1.300	W.
9	51	35	29.040	.110	W. by S.	9	50	39	29.450	.220	N. E.	9	59	41	30.260	.005	W. by S.
10	49	38	29.200	. . .	W. by N.	10	49	32	29.560	.200	N. W.	10	65	55	30.350	. . .	W.
11	48	35	29.640	.007	N.	11	60	34	29.800	. . .	S. W.	11	69	53	30.260	. . .	E.
12	49	34	29.670	.037	W. by N.	12	60	40	29.870	.070	W. by N.	12	73	50	30.200	. . .	S. W.
13	49	41	29.340	.145	W. by S.	13	60	38	30.300	.025	N. by E.	13	80	50	30.300	. . .	W.
14	50	42	29.660	.050	W. by S.	14	59	41	30.880	. . .	S. W.	14	77	49	30.230	. . .	S. E.
15	50	40	30.230	. . .	E.	15	60	52	30.450	. . .	W. by N.	15	74	52	30.000	.018	E. by S.
16	53	31	30.460	. . .	N. E.	16	60	49	30.440	. . .	W. by N.	16	72	51	29.770	.196	S. W.
17	55	38	30.460	. . .	N. E.	17	60	49	30.200	. . .	W. by N.	17	69	49	29.880	. . .	E.
18	59	47	30.260	.002	N. E.	18	59	44	30.160	. . .	W. by N.	18	68	41	29.840	. . .	W. by S.
19	54	44	30.140	. . .	N. E.	19	60	47	29.920	. . .	W. by N.	19	68	50	30.620	. . .	W. by S.
20	53	35	30.170	. . .	E.	20	60	39	29.990	.020	E.	20	65	55	30.200	. . .	N. E.
21	59	35	30.120	. . .	E.	21	61	38	29.800	. . .	E. by N.	21	69	50	30.200	. . .	S. W.
22	59	36	29.900	. . .	N. E.	22	60	42	30.040	. . .	E. by S.	22	67	46	30.160	. . .	W.
23	55	43	29.800	. . .	N. E.	23	60	40	29.920	. . .	E. by N.	23	66	52	30.220	. . .	S. W.
24	55	43	29.770	.008	N. E.	24	60	47	29.940	.003	N. E.	24	72	51	29.730	.070	S. W.
25	65	40	29.530	. . .	S. W.	25	61	47	29.850	. . .	E. by N.	25	64	47	29.860	.040	N. W.
26	53	47	29.140	.150	S. W.	26	60	45	29.740	. . .	E. by N.	26	65	45	29.890	. . .	S. W.
27	50	49	29.140	.245	S. W.	27	58	43	29.800	.240	N. E.	27	64	46	29.380	.350	S. E.
28	61	47	29.570	.075	S. W.	28	58	45	30.000	. . .	N. E.	28	64	44	29.490	.460	N. W.
29	61	45	29.800	.065	S. W.	29	58	45	29.370	.040	E. by N.	29	63	36	29.820	. . .	S. W.
30	61	42	29.800	. . .	S. W.	30	58	45	30.020	.002	E. by N.	30	64	46	29.700	.035	S. W.
						31	65	39	30.090	. . .	N. E.						

JULY.						AUGUST.						SEPTEMBER.					
	Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.
	Max.	Min.					Max.	Min.					Max.	Min.			
1	64°	53°	29.250	.110	W.	1	65°	44°	29.400	.026	W. by N.	1	70°	50°	30.330	. . .	W.
2	65	51	29.860	.030	S.	2	63	41	29.490	.110	W. by N.	2	68	54	30.260	. . .	N. E.
3	64	50	29.580	1.030	N. E.	3	65	48	29.470	.045	S. W.	3	70	50	30.250	.025	N. E.
4	61	55	29.920	.120	W. by N.	4	65	43	29.640	.130	S. E.	4	65	41	30.240	. . .	E. by N.
5	65	42	30.160	.040	S. W.	5	66	45	29.750	.130	N.	5	70	43	30.200	. . .	N. E.
6	68	49	29.960	. . .	N. E.	6	66	44	29.700	.260	S. W.	6	66	52	30.200	. . .	E. by S.
7	62	49	29.850	.190	S. W.	7	66	46	29.760	.100	W.	7	67	52	30.275	. . .	E.
8	69	50	29.750	.010	S. W.	8	65	45	29.900	.168	W.	8	68	58	30.100	. . .	E.
9	69	48	29.870	.220	S. E.	9	65	46	29.580	.870	N. W.	9	70	41	30.000	. . .	W. by S.
10	61	49	29.680	.246	N. E.	10	64	52	29.690	. . .	N. W.	10	76	55	30.099	. . .	W. by S.
11	65	44	29.780	.130	N. N. W.	11	66	50	29.790	.008	N. W.	11	70	52	30.070	. . .	E.
12	64	44	29.980	.010	N. W.	12	63	52	30.030	.011	S. W.	12	69	48	29.982	. . .	E.
13	63	48	29.900	.189	N. N. W.	13	64	49	30.200	. . .	S. W.	13	69	44	29.800	. . .	E.
14	65	49	30.140	.025	N. N. W.	14	64	52	30.900	. . .	N. W.	14	66	40	29.500	.160	W. by N.
15	64	44	30.230	. . .	S. W.	15	62	53	29.950	.008	N. E.	15	68	39	29.422	. . .	W. by S.
16	66	44	30.050	. . .	S. W.	16	64	45	30.100	. . .	N.	16	65	35	30.000	.020	S. E.
17	66	56	29.960	.175	S. W.	17	61	46	29.840	. . .	N. W.	17	70	42	29.070	.242	S. W.
18	68	52	30.150	. . .	S. E.	18	62	52	29.600	.080	W. by S.	18	73	40	28.970	.018	W. by N.
19	77	46	30.100	. . .	S. E.	19	63	51	29.660	.100	W.	19	68	35	29.530	.018	W. by N.
20	68	49	30.130	. . .	S. E.	20	64	48	29.660	.086	N. W.	20	62	29	29 680	.065	S. W.
21	66	50	30.080	. . .	N. E.	21	62	49	29.958	.008	N. W.	21	64	33	29.430	.022	N. E.
22	71	51	30.060	. . .	N E.	22	65	46	30.122	. . .	S, W.	22	60	36	29.800	. . .	W. by N.
23	67	50	30.070	. . .	N. E.	23	66	51	29.868	.030	S. W.	23	55	30	30.332	. . .	N. E.
24	65	50	30.020	. . .	N. E.	24	70	51	29.980	.012	S. W.	24	58	30	30.200	. . .	S.
25	65	49	30.020	. . .	N. W.	25	70	56	29.680	.145	S. W.	25	58	35	29.582	.050	S. W.
26	66	47	29.900	. . .	N. W.	26	66	50	29.980	.182	N. W.	26	60	44	29.700	. . .	N. W.
27	65	50	29.650	.070	S. W.	27	69	50	30.230	. . .	S. W.	27	61	47	29.792	.260	W.
28	65	40	29.640	.005	N. W.	28	67	56	30.360	.012	N. W.	28	65	46	29.790	.015	N. W.
29	66	42	29.760	.220	W.	29	66	57	30.382	. . .	N. W.	29	58	42	29.780	.010	S. W.
30	65	42	29.430	.160	S. by E.	30	67	54	30.440	.002	N. by W.	30	56	47	29.570	. . .	W.
31	62	46	29.100	.190	S. W.	31	66	54	30.445	. . .	W.						

OCTOBER.						NOVEMBER.						DECEMBER.					
	Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.		Thermom.		Barom.	Rain.	Wind.
	Max.	Min.					Max.	Min.					Max.	Min.			
1	62°	43°	29.702	.043	S. W.	1	58°	31°	30.150	.006	W. by N.	1	42°	33°	29.600	.130	S. W.
2	58	47	29.660	.200	S. W.	2	52	44	30.140	.006	S. E.	2	45	37	29.580	.025	W.
3	53	48	29.280	.800	W.	3	53	40	30.190	.002	S. E.	3	44	32	29.240	.008	W. by S.
4	61	49	29.289	.620	E. by N.	4	53	34	29.800	. . .	S. W.	4	39	32	29.600	.008	W.
5	55	35	29.900	.020	S. E.	5	54	44	29.520	. . .	S.	5	49	38	29.340	.260	W.
6	54	44	29.720	. . .	E. by N.	6	57	51	29.300	.090	S. E.	6	46	36	29.160	.008	W.
7	55	49	29.500	.110	N. W.	7	57	43	29.200	.300	S. E.	7	43	32	29.780	.015	W.
8	54	38	29.176	. . .	S. W.	8	61	45	29.350	.500	W.	8	48	28	29.890	. . .	W.
9	54	39	29.190	.300	E. by S.	9	50	43	29.400	.338	W. by S.	9	50	42	30.150	. . .	W.
10	55	42	29.230	.008	S.	10	48	41	29.280	.155	W. by N.	10	47	35	30.380	.002	W.
11	55	40	29.230	.135	S. W.	11	51	39	29.230	.035	W. by S.	11	51	41	30.030	.006	W.
12	55	38	29.982	.020	S. W.	12	50	38	29.500	.002	N. W.	12	47	32	30.400	. . .	W.
13	61	48	29.900	.160	S.	13	49	34	29.850	.008	S. E.	13	40	24	30.420	. . .	W.
14	66	55	30.130	.055	S.	14	43	30	29.900	.008	S. W.	14	47	27	30.100	.045	W.
15	65	54	30.000	. . .	W.	15	51	39	29.570	.012	W. by S.	15	47	30	29.800	.029	W.
16	56	44	30.100	. . .	W.	16	54	44	29.030	.565	W.	16	46	41	29.760	. . .	W.
17	56	48	29.900	. . .	W.	17	51	40	29.500	.060	W.	17	48	42	29.860	.266	S. E.
18	67	50	30.060	.008	W.	18	52	37	29.060	.130	W.	18	48	34	29.580	.460	W.
19	61	53	30.220	. . .	W.	19	56	46	28.680	.315	W.	19	48	33	28.930	.100	W. by N.
20	64	53	30.000	.045	W.	20	42	32	28.950	.043	S. W.	20	44	33	28.880	.182	N. W.
21	55	39	30.400	. . .	W. by N.	21	47	35	29.382	. . .	S. W.	21	43	33	29.840	.300	W. by N.
22	54	46	30.450	. . .	W.	22	42	30	29.580	. . .	W. by N.	22	49	30	29.350	.065	W. by N.
23	54	46	30.450	. . .	W.	23	40	30	29.940	.070	W.	23	53	37	29.620	.015	W. by N.
24	54	46	30.170	. . .	W.	24	41	33	30.080	. . .	N. W.	24	47	29	30.190	. . .	W.
25	57	36	30.390	. . .	W.	25	51	35	29.860	.064	W.	25	48	32	30.180	.010	W. by N.
26	49	32	30.232	. . .	W. by N.	26	55	43	29.580	.030	W.	26	50	37	29.700	. . .	S. W.
27	52	45	30.000	. . .	S. W.	27	55	51	29.700	.065	W. by S.	27	51	34	29.960	.240	W.
28	56	49	29.900	.008	S. W.	28	55	47	29.270	. . .	E. by S.	28	54	40	29.450	1.090	W. by N.
29	56	49	29.700	.085	S. E.	29	52	41	29.600	.006	W.	29	45	32	29.700	.060	W. by S.
30	58	49	29.850	.030	W. by S.	30	46	35	29.780	. . .	W.	30	58	42	29.370	.050	W.
31	54	32	30.760	.030	W.							31	53	37	29.790	. . .	S.

	MEAN TEMPERATURE OF LAST 3 YEARS.			RAIN LAST 3 YEARS.		
	1843.	1844.	1845.	1843.	1844.	1845.
January	40.9	41.8	42.6	2.589	1.031	3.495
February	37.8	38.6	40.8	1.635	2.308	.762
March	40.8	43.0	39.9	1.643	2.042	1.412
April	49.8	51.4	46.9	2.645	.545	.909
May	53.5	55.3	49.8	4.644	.316	1.680
June	58.9	59.0	57.1	2.277	1.539	3.131
July	62.0	60.0	56.8	1.773	2.148	3.170
August	63.2	57.9	57.2	1.541	3.473	2.523
September	59.6	57.0	54.0	.637	1.845	.705
October	48.0	49.9	50.0	3.302	2.530	2.677
November	43.7	48.7	45.0	2.425	3.742	2.810
December	47.6	41.1	40.0	0.138	2.192	1.539
Mean of last three years . .	50.6	50.1	48.3	25.249	23.711	26.628